

Appln. No. 10/828,961
Amdt Dated July 19, 2005

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Amendments to the Specification:

Please replace paragraph [12] with the following amended paragraph:

- [12] As shown in Fig. 2, the system according to another embodiment of the present invention includes a WLAN service provider domain, having an access proxy and AAA (authentication, authorization and accounting) database. The access proxy is a server responsible for the AAA process, such as user identification authentication and privilege authorization, usually performed following a successful WLAN association carried out through the IGW. In operation, the configuration agent manages the additional authentication and authorization process, by communicating with the access proxy. In particular, the HAA forwards valid access information, such as user name and password, to the configuration agent, which in turn sends a request to authentication and authorization to the access proxy. The access proxy checks the user name and password against entries in the AAA database, which is maintained by the service provider. ~~In~~ If the user name and password are found to be valid, then the access proxy notifies the configuration agent and the connect request is granted. However, if the user name or password are invalid, then the access proxy notifies the configuration agent and the connect request is denied. Therefore, even in the event the WLAN association succeeds through the IGW, the mobile host will not be able to gain internet access.

Please replace paragraph [15] with the following amended paragraph:

- [15] Figure 3 is a state diagram showing one embodiment of the method according to the present invention. In particular, upon system initialization, the GPS agent provides current geographical location information to the HAA. The HAA then determines if it has the up-to-date WLAN access information. If yes, then the HAA determines if the access information is the same as that currently being used. If yes, the HAA does not need to forward any information to the

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configuration agent, as no change is needed. However, if the HAA access information is not the same as that currently being used, then the HAA forwards the access information to the configuration agent, the configuration agent automatically configures the WLAN interface. The system then determines if an AAA process is necessary. If no AAA process is requested, then the mobile host is able to access the configured WLAN. However, if an AA AAA process is requested, the configuration agent communicates with the access proxy to carry out ~~he~~ the AAA process. The access proxy checks the AAA database to verify user identity and password. If the user identity and password are valid, then the mobile host is allowed to access the WLAN. However, if user identity or password are not valid then the access request is denied and the mobile host is not able to access the WLAN.